



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. IDF 1502 (4000-02800) 09/687,683 SERIAL NO. (Modified) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT Thomas R. Beyerl, et al. APPLICANTS: Method and Amparatus for Synchronizing the Coding and Dacoding of Mongation in an Integrated Services Hub FOR: -2643-2666 October 12, 2000 GROUP FILING DATE:

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aminer tial	Me	RADEN		Pater	nt Nun	nber			Issue Date	Patentee	Class	Sub- class	Filing Date (If Appropriate)
M	AA	5	8	8	1	1	4	2	03/09/99	Frankel et al.	379	167	07/18/95
m	AB	5	9	6	3	6	2	0	10/05/99	Frankel et al.	379	93.05	05/30/97
m.	AC	6	0	7	5	7	8	4	06/13/00	Frankel et al.	370	356	06/09/98
M	AD	6	1	4	1	3	3	9	10/31/00	Kaplan, et al.	370	352	04/04/97
ζ _M	AE	09	1	9	7	0	4	4	-	Way, et al.	_	-	11/20/98
M	AF	09	2	2	6	5	7	5		Rush, et al.		_	01/07/99
M	AG	09	6	5	0	9	8	5		Kaplan, et al.	-	_	08/30/2000
M	АН	09	6	5	0	5	6	0		Kaplan, et al.		~	08/30/2000
m	Al	09	6	5	3	1	0	5		Dale, et al.		-	08/31/2000
M	AJ	09	6	7	5	5	8	5		Goodrich		_	09/29/2000

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION															
			Document Number							Publication Date	Country or Patent Office	Class	Sub- Class	Translation	
														Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)	ਰ
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Examiner Index (al Meline Date Considered 8.9.04	<u> </u>
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